

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S65	1	("4442539").PN. OR ("5872830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/03 18:49
S66	16	("3013157"   "3028544"   "3515870"   "3928767"   "4179100").PN. OR ("4442539").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/03 18:50
S67	2	("4722097").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/06 16:36
S68	0	S67 and "first image"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 15:45
S69	2	("20060067477").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/06 16:59
S70	2	S69 and test	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 17:14
S71	2	S67 and first	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 17:30
S72	2	S67 and second	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 17:30
S73	2356	((transfer adj function) or mtf) and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:12

## EAST Search History

S74	1180	((modulat\$3 adj transfer adj function) or mtf) and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:00
S75	1176	S73 not S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:00
S76	933	((transfer adj function) or mtf) and x\$ray and (focus or focal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:47
S77	25	S76 and comb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:38
S78	11	("4782502"   "4922915"   "5056130"   "5473657"   "5802134"   "5841835"   "5953444"   "6115487"   "6195444"   "6325539").PN. OR ("6813374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:20
S79	171	S76 and slit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:23
S80	1	("4442539").PN. OR ("5872830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:33
S81	16	("3013157"   "3028544"   "3515870"   "3928767"   "4179100").PN. OR ("4442539").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:33
S82	0	S76 and preumbra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:39

## EAST Search History

S83	0	S76 and premumbra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:39
S84	3	preumbra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:39
S85	4	pre\$umbra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:40
S86	10	"4722097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:41
S87	7	("4722097"   "5031620"   "5038369"   "5060254"   "5081659"   "5117445"   "5132998").PN. OR ("H001627").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:46
S88	1406	penumbra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:47
S89	23	S76 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 18:47
S90	1	("2001/0031033").URPN.	USPAT	OR	ON	2006/10/08 18:49
S91	7	("5610963"   "5684855"   "6056437"   "6115447"   "6141402"   "6310938").PN. OR ("6411677"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:51

## EAST Search History

S92	17	("4991189"   "5299250"   "5469429"   "5485493"   "5550886"   "5579359"   "5610963"   "5684855"   "5745548"   "5761257"   "6056437"   "6115447"   "6141402").PN. OR ("6310938").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:52
S93	14	("20020021785"   "4361901"   "5131021"   "5732118"   "5907593"   "5974109"   "6061419"   "6075835"   "6081576"   "6198791"   "6246743"   "6295331"   "6310938"   "6327329").PN. OR ("6535572").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:52
S94	18	("3965357"   "4211925"   "4675891"   "4827494"   "4991189"   "5065420").PN. OR ("5469429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:56
S95	4	("5469429"   "5550889"   "6056437"   "6359958").PN. OR ("7101078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:57
S96	26	("4171476"   "4178511"   "4637040"   "4827494"   "4993055"   "5291535"   "5313510").PN. OR ("5550889").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 18:58
S97	18	("20020097836"   "4002917"   "4250425"   "4521902"   "4637040"   "4689809"   "5119408"   "5128864"   "5335255"   "5467377"   "5550889"   "5706326"   "5712889"   "6041132"   "6118839"   "6122344"   "6125167"   "6229870").PN. OR ("6895079").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:00
S98	15	("4559639"   "4769827"   "4803711"   "4991189"   "5065420"   "5131021"   "5299250"   "5469429"   "5550886"   "5550889"   "5579359"   "5706326"   "5745548").PN. OR ("6094469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:02
S99	15	("4649555"   "4991189"   "5299250"   "5347216"   "5469429"   "5485493"   "5550886"   "5706326"   "5745548"   "5761257"   "6056437").PN. OR ("6385279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:07
S100	2984	comb and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:13

## EAST Search History

S10 1	3	S88 and S100	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:08
S10 2	2959	S100 not S77	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:09
S10 3	63077	luminance	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:16
S10 4	45	S102 and S103	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:12
S10 5	3032	comb and x\$ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:13
S10 6	48	S105 not S100	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:13
S10 7	123773	luminance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:16
S10 8	3864	37and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:17
S10 9	45	S107 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:18

## EAST Search History

S11 0	539	378/138.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:18
S11 1	20	("2824232"   "2849634"   "2866902"   "2919381"   "2944175"   "3028491"   "3376449").PN. OR ("3732426").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:34
S11 2	1296	"315"/\$.ccls. and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 19:35
S11 3	1351	"315"/\$.ccls. and x\$ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:36
S11 4	1	S113 and mtf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 19:35
S11 5	24	S107 and S113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:02
S11 6	273	filament adj replac\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:05
S11 7	20	S116 and x\$ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:03

## EAST Search History

S11 8	4280	filament with replac\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:05
S11 9	4260	S118 not S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:05
S12 0	211	S119 and x\$ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:05
S12 1	0	("2006/0008053").URPN.	USPAT	OR	ON	2006/10/08 21:11
S12 2	2	("20040109537").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/08 21:12
S12 3	2	("20060153335").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/08 21:14
S12 4	6	("20040247080" "5517545" "6587812").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:14
S12 5	0	("2004/0022361").URPN.	USPAT	OR	ON	2006/10/08 21:19
S12 6	1	(10/064606).APP.	USPAT; USOCR	OR	ON	2006/10/08 21:19
S12 7	3	("5633907"   "5637953"   "5907595").PN. OR ("6785359"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:19

## EAST Search History

S12 8	5	("3649861"   "4685118"   "4799248").PN. OR ("5901197").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:24
S12 9	5	("3649861"   "4685118"   "4799248").PN. OR ("5901197").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:25
S13 0	15	("2291948"   "2316214"   "2482275").PN. OR ("3649861").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:25
S13 1	11	("3110810"   "3389253"   "3591821"   "3649861"   "3946261").PN. OR ("4315154").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:26
S13 2	16	("2121631"   "2146900"   "3649861"   "3986064").PN. OR ("4065689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:28
S13 3	25	("2878393"   "2958799"   "3668454"   "3962579"   "4214267"   "4521901"   "4521902").PN. OR ("4688241").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:35
S13 4	696	"edge gradient"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:57
S13 5	119	S134 and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 21:35
S13 6	806	"edge gradient"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:58
S13 7	122	S136 and x\$ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:58
S13 8	3	S137 not S135	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:59



## EAST Search History

S13 9	200	"slit camera"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 21:59
S14 0	12	S139 and x\$ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 22:00
S14 1	2	"IEC 336"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 22:03
S14 2	3994	NEMA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 22:04
S14 3	233	S142 and x\$ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/08 22:04
S14 4	9	("3263079").PN. OR ("4132654"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 22:30
S14 5	65	"line spread function" and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 22:30
S14 6	16	("3636351"   "3851204"   "4052640"   "4097793"   "4132654"   "4132916"   "4239395"   "4777642"   "4829551"   "4953190"   "5191621"   "5422527"   "5606591"   "5696804"   "5745548"   "5809106").PN. OR ("6233349"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 22:32

## EAST Search History

S14 7	18	("4259579"   "4947323"   "5056130").PN. OR ("5191621"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 22:33
S14 8	5	("20030067595"   "5191621"   "5621519"   "5661816"   "5959726").PN. OR ("6876443"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 22:34
S14 9	8	("4241996"   "4792900"   "4817181"   "4907288").PN. OR ("4972451"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/08 22:39
S15 0	45	(US-20040218723-\$ or US-20020181661-\$ or US-20020159566-\$ or US-20060067477-\$ or US-20060008053-\$ or US-20030223538-\$ or US-20050157849-\$).did. or (US-4442539-\$ or US-4991192-\$ or US-4827494-\$ or US-5745548-\$ or US-5469429-\$ or US-6895079-\$ or US-6181771-\$ or US-4689809-\$ or US-4803711-\$ or US-6438207-\$ or US-6292538-\$ or US-6980623-\$ or US-6411677-\$ or US-4894853-\$ or US-H001627-\$ or US-6813374-\$ or US-6652143-\$ or US-6233349-\$ or US-6488409-\$ or US-6426996-\$ or US-5812632-\$ or US-5872830-\$ or US-4722097-\$ or US-4132654-\$ or US-5606591-\$ or US-4819260-\$). did. or (US-7101078-\$ or US-6968039-\$ or US-6236713-\$ or US-4979199-\$ or US-4315154-\$ or US-6694047-\$ or US-6876443-\$ or US-6359961-\$ or US-5191621-\$ or US-6830376-\$ or US-4972451-\$). did. or (WO-9408350-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/08 22:51
S15 1	3	S150 and nema	US-PGPUB; USPAT; EPO	OR	ON	2006/10/08 22:52
S15 2	0	"Universal Test Stand RMI 175 "	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:09
S15 3	1	"RMI 175"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:23

## EAST Search History

S15 4	0	GB903894	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:23
S15 5	13	"903894"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:25
S15 6	5466	hagen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:26
S15 7	420	diffractometer.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:26
S15 8	0	S156 and S157	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:26
S15 9	10	diffractometer and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:26
S16 0	31	hagen.in. and picker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:27
S16 1	55	diffractometer and picker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:27
S16 2	4	("3344274").URPN.	USPAT	OR	ON	2006/10/10 09:39

## EAST Search History

S16 3	11	("3344274"   "3903414"   "4263510"   "5107527").PN. OR ("5406608"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:40
S16 4	0	("D192616").URPN.	USPAT	OR	ON	2006/10/10 09:43
S16 5	45	(US-20060067477-\$ or US-20060008053-\$ or US-20020181661-\$ or US-20050157849-\$ or US-20040218723-\$ or US-20030223538-\$ or US-20020159566-\$).did. or (US-7101078-\$ or US-6980623-\$ or US-6968039-\$ or US-6694047-\$ or US-6895079-\$ or US-6876443-\$ or US-6830376-\$ or US-6813374-\$ or US-6652143-\$ or US-6488409-\$ or US-6359961-\$ or US-6438207-\$ or US-6426996-\$ or US-6411677-\$ or US-6233349-\$ or US-6292538-\$ or US-6236713-\$ or US-6181771-\$ or US-5872830-\$ or US-5812632-\$ or US-5745548-\$ or US-5469429-\$ or US-5606591-\$ or US-H001627-\$ or US-4979199-\$ or US-5191621-\$). did. or (US-4991192-\$ or US-4827494-\$ or US-4972451-\$ or US-4894853-\$ or US-4722097-\$ or US-4819260-\$ or US-4442539-\$ or US-4315154-\$ or US-4803711-\$ or US-4689809-\$ or US-4132654-\$). did. or (WO-9408350-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/10 10:08
S16 6	3	S165 and nema	US-PGPUB; USPAT; EPO	OR	ON	2006/10/10 11:22
S16 7	15	"343248"	US-PGPUB; USPAT; EPO	OR	ON	2006/10/10 11:23
S16 8	27	("3778614"   "4145610"   "4547893"   "4769827"   "4991189"   "5228069").PN. OR ("5550886"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 12:30
S16 9	2	("4722097").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 15:51

## EAST Search History

S17 0	2	S169 and first and second	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 12:49
S17 1	0	S169 and test	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 12:49
S17 2	2	"20060067477"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 12:49
S17 3	2	S172 and test	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 12:50
S17 4	2	("4991189").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 15:51
S17 5	38	("4559639").PN. OR ("4991189"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:53
S17 6	13	("4559639"   "4812983"   "4991189"   "5131021").PN. OR ("5706326"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 20:53
S17 7	25	iec with focal	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 21:09
S17 8	1	("5844964").URPN.	USPAT	OR	ON	2006/10/10 21:06
S17 9	15	("5197088").PN. OR ("5822395"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 21:07
S18 0	679	iec and focal	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 21:09

## EAST Search History

S18 1	654	S180 not S177	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 21:09
S18 2	288	S181 and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 21:13
S18 3	19	("2680199" "20040109530" "4251732" "4394737" "4599738" "4855598" "5018176" "5022065" "5177778" "5473664" "5737386" "5917877" "6226353" "6273606" "6744062" "6934361" "6934409" "7027556").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 23:35
S18 4	236053	superimpos\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:04
S18 5	5355	"focal spot"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 23:36
S18 6	11756	S184 and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 23:36
S18 7	129	superimpos\$5 adj x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 23:42
S18 8	2	("6632089").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 23:42
S18 9	19	("20020025503"   "20020028417"   "5011405"   "5338198"   "5447432"   "5879158"   "5975893"   "6227850"   "6227851"   "6299440"   "6318994"   "6334853"   "6371761"   "6386878").PN. OR ("6632089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:03
S19 0	606	S184 and S185	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:03
S19 1	320	S190 and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:03
S19 2	74	superimpos\$5 same "focal spot"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:28
S19 3	46	S192 and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:05

## EAST Search History

S19 4	16	("3636351"   "3851204"   "4052640"   "4097793"   "4132654"   "4132916"   "4239395"   "4777642"   "4829551"   "4953190"   "5191621"   "5422527"   "5606591"   "5696804"   "5745548"   "5809106").PN. OR ("6233349"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:07
S19 5	9	("3263079").PN. OR ("4132654"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:08
S19 6	63	(US-20060067477-\$ or US-20060008053-\$ or US-20020181661-\$ or US-20050157849-\$ or US-20040218723-\$ or US-20030223538-\$ or US-20020159566-\$ or US-20060098784-\$ or US-20040197727-\$ or US-20040162487-\$ or US-20040138548-\$).did. or (US-7101078-\$ or US-6980623-\$ or US-6968039-\$ or US-6694047-\$ or US-6895079-\$ or US-6876443-\$ or US-6830376-\$ or US-6813374-\$ or US-6652143-\$ or US-6488409-\$ or US-6359961-\$ or US-6438207-\$ or US-6426996-\$ or US-6411677-\$ or US-6233349-\$ or US-6292538-\$ or US-6236713-\$ or US-6181771-\$ or US-5872830-\$ or US-5812632-\$ or US-5745548-\$ or US-5469429-\$ or US-5606591-\$ or US-H001627-\$ or US-4979199-\$ or US-5191621-\$). did. or (US-4991192-\$ or US-4827494-\$ or US-4972451-\$ or US-4894853-\$ or US-4722097-\$ or US-4819260-\$ or US-4442539-\$ or US-4315154-\$ or US-4803711-\$ or US-4689809-\$ or US-4132654-\$ or US-5550886-\$ or US-6310938-\$ or US-6256369-\$ or US-6256364-\$ or US-5867553-\$ or US-5841829-\$ or US-5768331-\$ or US-5680427-\$ or US-4991189-\$ or US-7085345-\$ or US-5706326-\$ or US-5844964-\$ or US-5822395-\$ or US-6632089-\$). did. or (WO-9408350-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/11 00:13
S19 7	6	S196 and iec	US-PGPUB; USPAT; EPO	OR	ON	2006/10/11 00:22

## EAST Search History

S19 8	12	"644,206"	US-PGPUB; USPAT; EPO	OR	ON	2006/10/11 00:22
S19 9	0	(10/644206).APP.	USPAT; USOCR	OR	ON	2006/10/11 00:25
S20 0	28	"834,289"	USPAT; USOCR	OR	ON	2006/10/11 00:25
S20 1	11	("20020021785"   "20020181661"   "20030007601"   "5745548"   "6091797"   "6310938"   "6327329"   "6343110"   "6449340").PN. OR ("6652143").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:26
S20 2	14	image adj "focal spot" with x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:44
S20 3	5355	"focal spot"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:22
S20 4	91	focal\$spot	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:44
S20 5	5265	S203 not S204	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:44
S20 6	90	S203 and S204	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:45
S20 7	1	S204 not S206	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:45
S20 8	1833	"focal spot" and standard	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:52
S20 9	76	"focal spot" with standard	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:46
S21 0	8	("2862107"   "3743836"   "3992633").PN. OR ("4213048"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:50
S21 1	1214	"focal spot" and original	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 00:52
S21 2	74	"focal spot".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:11



## EAST Search History

S21 3	2	side adj by adj side	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:11
S21 4	0	compair\$3 adj directly	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:12
S21 5	2	compair\$3 with directly	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:12
S21 6	0	display with "on the same"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:17
S21 7	54551	visual\$2 adj inspect\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:17
S21 8	66	S203 and S217	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:17
S21 9	39	"focal spot" with monitor	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:24
S22 0	83	"focal spot" with calibrat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 01:28
S22 1	2	("5,745,548").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 01:29
S22 2	13	"5,745,548"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 01:29
S22 3	0	"at the same time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:10
S22 4	1	"the same time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:10

## EAST Search History

S22 5	7690	"displayed together"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:11
S22 6	407	S225 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:11
S22 7	5	S226 and "focal spot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:13
S22 8	342137	before adj after	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:13
S22 9	352	S228 and "focal spot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:13
S23 0	27	(before adj after) same "focal spot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:16
S23 1	131	original same "focal spot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:16
S23 2	62	S231 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:45

## EAST Search History

S23 3	2	("4722097").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 08:46
S23 4	2	("6359961").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 08:46
S23 5	4	S233 or S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:46
S23 6	0	slit and S235	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:47
S23 7	70	"focal spot" and "remote control"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:59
S23 9	2722	((large or small) with focus) and slit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 09:00
S24 0	426	((large or small) with focus) and slit and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 09:01
S24 1	52	((large or small) with focus) and slit and x\$ray and "focal spot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 09:05

## EAST Search History

S24 2	0	(filiment and replac\$5 and x\$ray).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 09:06
S24 3	0	(filament and replac\$5 and x\$ray).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 09:06
S24 4	21	(filament and replac\$5 and x\$ray). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 09:23
S24 5	1	("h001627").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 09:25
S24 6	2	("6233349").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:37
S24 7	842	qualitative adj comparison	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:51
S24 8	72	S247 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:44
S24 9	1287	multiple adj window with display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:44

## EAST Search History

S25 0	733	qualitative adj compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:51
S25 1	1141	qualitative\$2 adj compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:51
S25 2	418	S251 not S247	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:51
S25 3	100	S252 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:55
S25 4	0	widowing with x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:55
S25 5	22	windowing with x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:57
S25 6	4	"multiple windows" with x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:07
S25 7	198	presentation with ((first or second) adj image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:09

## EAST Search History

S25 8	7575	(presentation or display) with ((first or second) adj image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:08
S25 9	20	S257 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:09
S26 0	16	("20020031282"   "4879668"   "5170347"   "5186176"   "5201035"   "5371778"   "5454371"   "5623586"   "5699446"   "5734384"   "5891030"   "5982953"   "6104828"   "6211884"   "6266453").PN. OR ("6603868").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:14
S26 1	10	dental and x\$ray and S258	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:15
S26 3	0	dental.ti. and x\$ray and display.ti. and progression	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:16
S26 4	1	dental.ti. and x\$ray and display.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:16
S26 5	34	dental.ti. and x\$ray and display.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:17
S26 6	57	dental.ab. and x\$ray and display.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:18
S26 7	24	S266 not S265	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:22
S26 8	2238	disease adj progression and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:22
S26 9	10	(disease adj progression) with display and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:22
S27 0	0	("2002/0057828").URPN.	USPAT	OR	ON	2006/10/11 12:24
S27 1	0	("2002/0057828").URPN.	USPAT	OR	ON	2006/10/11 12:24

## EAST Search History

S27 2	14	("20020048394"   "4258264"   "4276473"   "4315318"   "4387428"   "5072384"   "5080109"   "5159557"   "5272760"   "5434026"   "5483960"   "5926568"   "6621917"   "6640002").PN. OR ("7054476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:25
S27 3	674	(previous and current) with image with display	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:26
S27 4	34	S273 and x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:26
S27 5	22	("3743832"   "3849596"   "4012638"   "4100417"   "4158138"   "4188537"   "4210812"   "4229797"   "4239971"   "4262306").PN. OR ("4409616").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 12:42
S27 6	2	("5675358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 12:42
S27 7	20280338	(promote or negat\$4 or advantage\$4 or without or accura\$3 or minimum or minimize\$5 or maximum or maximiz\$5 or smaller or enable\$3 or lower or higher)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:44
S27 8	12414246	(improv\$5 or better or less\$5 or more or greater or fewer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:45
S27 9	11081162	(increas\$3 or reduc\$3 or promot\$3 or elimina\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:45
S28 0	2	("5675358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 12:46

## EAST Search History

S28 2	1	S278 and S280	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:48
S28 3	1	S279 and S280	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:48
S28 4	1	S282 and S279	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:50
S28 5	466	((first or second) adj image) with display) and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:51
S28 6	104	((previous or current) adj image) with display) and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:52
S28 7	0	S285 and S286 and compair	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:52
S28 8	0	S285 and S286 and qualitative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:52
S28 9	469	S285 or S286 and qualitative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:59



## EAST Search History

S29 0	466	S285 or S286 and compair	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 12:52
S29 1	15	((before adj after) with image) and adjust and "focal spot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 13:00
S29 2	2	("20060067477").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/13 12:32
S29 3	1	luminan\$2 and S292	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 12:46
S29 4	2	("6233349").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/13 13:22
S29 5	195	filament adj replac\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:59
S29 6	12	S295 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:22
S29 7	3363	filament with replac\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:25

## EAST Search History

S29 8	187	S297 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:26
S29 9	175	S298 not S296	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:26
S30 0	1	(10/064606).APP.	USPAT; USOCR	OR	ON	2006/10/13 13:28
S30 1	3	("5633907"   "5637953"   "5907595").PN. OR ("6785359"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 13:29
S30 2	6	("5226120"   "5251295").PN. OR ("6487513").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 13:35
S30 3	5	("3649861"   "4685118"   "4799248").PN. OR ("5901197"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 13:48
S30 4	27	("3955119"   "4991193"   "5530735"   "5550889"   "5625662"   "5628664"   "5668850"   "5673301"   "5786994"   "5901197"   "5912941").PN. OR ("6212256"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 13:49
S30 5	18	("2172581"   "3062960"   "3244884"   "3518434"   "3564254"   "3634871"   "3746862").PN. OR ("3955119").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 13:53

## EAST Search History

S30 6	87	(US-20060008053-\$ or US-20060098784-\$ or US-20040197727-\$ or US-20040162487-\$ or US-20020057828-\$ or US-20040138548-\$ or US-20050213801-\$ or US-20060067477-\$ or US-20040218723-\$ or US-20030223538-\$ or US-20020181661-\$ or US-20020159566-\$ or US-20050157849-\$ or US-20040022361-\$).did. or (US-5675358-\$ or US-6876443-\$ or US-4972451-\$ or US-7085345-\$ or US-6632089-\$ or US-6603868-\$ or US-4409616-\$ or US-6968039-\$ or US-6438207-\$ or US-6426996-\$ or US-6292538-\$ or US-5822395-\$ or US-6359961-\$ or US-6236713-\$ or US-4979199-\$ or US-4894853-\$ or US-4827494-\$ or US-4819260-\$ or US-4689809-\$ or US-5812632-\$ or US-6895079-\$ or US-6233349-\$ or US-5745548-\$ or US-5191621-\$ or US-4132654-\$ or US-6652143-\$). did. or (US-6310938-\$ or US-5841829-\$ or US-5768331-\$ or US-4315154-\$ or US-5550886-\$ or US-4991189-\$ or US-6411677-\$ or US-6181771-\$ or US-5872830-\$ or US-5606591-\$ or US-4442539-\$ or US-5469429-\$ or US-6980623-\$ or US-6256364-\$ or US-4991192-\$ or US-6830376-\$ or US-6813374-\$ or US-5844964-\$ or US-6488409-\$ or US-6694047-\$ or US-5706326-\$ or US-H001627-\$ or US-4803711-\$ or US-4213048-\$ or US-6256369-\$ or US-5680427-\$ or US-4722097-\$). did. or (US-5867553-\$ or US-7101078-\$ or US-5907595-\$ or US-5637953-\$ or US-7117239-\$ or US-7010593-\$ or US-6934590-\$ or US-6665626-\$ or US-5251295-\$ or US-5226120-\$ or US-5901197-\$ or US-6212256-\$ or US-7107189-\$ or US-7104690-\$ or US-7080095-\$ or US-7032132-\$ or US-6656119-\$ or US-6574518-\$ or US-5288553-\$). did. or (WO-9408350-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/13 13:57
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## EAST Search History

S30 7	234	filament with "focal spot" and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:59
S30 8	0	filament with "focal spot" and x\$ray and agjust\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:59
S30 9	116	filament with "focal spot" and x\$ray and adjust\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:59
S31 0	116	filament with "focal spot" and x\$ray and adjust\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:00
S31 1	12	("2113422"   "2123607"   "2130020"   "5077777").PN. OR ("5526396"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 14:02
S31 2	16	("2340363"   "2798963"   "3103591"   "3433955").PN. OR ("3743836"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 14:06
S31 3	32	(filament and x\$ray and tube).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 14:07
S31 4	1	(09/877590).APP.	USPAT; USOCR	OR	ON	2006/10/13 14:07
S31 5	5	("3286323"   "3587429"   "4027363").PN. OR ("6607416"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 14:07
S31 6	2	("20050213801").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 09:59
S31 7	2	("20020168050").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 09:59

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S31 8	1	("2002/0168050").URPN.	USPAT	OR	ON	2006/10/16 10:03
S31 9	2	("20040218723").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 10:03
S32 0	1	(10/479341).APP.	USPAT; USOCR	OR	ON	2006/10/16 10:09
S32 1	3	("3471694"   "4219732").PN. OR ("7046767").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:10
S32 2	3	("4213048").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 10:10
S32 3	8	("2862107"   "3743836"   "3992633").PN. OR ("4213048"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:15

## EAST Search History

S32 4	92	(US-20060067477-\$ or US-20040218723-\$ or US-20040022361-\$ or US-20060008053-\$ or US-20050213801-\$ or US-20040197727-\$ or US-20040162487-\$ or US-20020181661-\$ or US-20020057828-\$ or US-20060098784-\$ or US-20050157849-\$ or US-20030223538-\$ or US-20040138548-\$ or US-20020159566-\$ or US-20020187711-\$).did. or (US-6233349-\$ or US-5901197-\$ or US-5907595-\$ or US-5288553-\$ or US-4315154-\$ or US-5637953-\$ or US-7117239-\$ or US-7010593-\$ or US-6934590-\$ or US-5226120-\$ or US-7107189-\$ or US-7104690-\$ or US-5251295-\$ or US-6212256-\$ or US-6665626-\$ or US-7032132-\$ or US-6574518-\$ or US-7080095-\$ or US-6656119-\$ or US-6359961-\$ or US-7101078-\$ or US-6980623-\$ or US-6968039-\$ or US-6895079-\$ or US-7085345-\$ or US-6830376-\$). did. or (US-6813374-\$ or US-6632089-\$ or US-6603868-\$ or US-6488409-\$ or US-6426996-\$ or US-6310938-\$ or US-6292538-\$ or US-6256369-\$ or US-6236713-\$ or US-5872830-\$ or US-6876443-\$ or US-6694047-\$ or US-6652143-\$ or US-6438207-\$ or US-6411677-\$ or US-5867553-\$ or US-5844964-\$ or US-5822395-\$ or US-5812632-\$ or US-5706326-\$ or US-5675358-\$ or US-5606591-\$ or US-H001627-\$ or US-5469429-\$ or US-4991192-\$ or US-6256364-\$ or US-6181771-\$). did. or (US-5841829-\$ or US-5768331-\$ or US-5745548-\$ or US-5680427-\$ or US-4991189-\$ or US-4979199-\$ or US-4972451-\$ or US-4827494-\$ or US-4819260-\$ or US-4442539-\$ or US-4409616-\$ or US-4213048-\$ or US-5550886-\$ or US-5191621-\$ or US-4894853-\$ or US-4803711-\$ or US-4722097-\$ or US-4689809-\$ or US-4132654-\$ or US-5526396-\$ or US-6607416-\$ or US-3743836-\$ or US-3962583-\$). did. or (WO-9408350-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/16 10:23
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## EAST Search History

S32 5	0	("2002/0187711").URPN.	USPAT	OR	ON	2006/10/16 11:22
S32 6	1	(09/877590).APP.	USPAT; USOCR	OR	ON	2006/10/16 11:23
S32 7	5	("3286323"   "3587429"   "4027363").PN. OR ("6607416"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 11:32
S32 8	71	(replac\$5 with filament) and (x\$ray with tube)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 11:33